### MONTHLY WEATHER REVIEW

Table 2.—Data furnished by the Canadian Meteorological Service, May 1935—Continued

Late Reports for April 1935

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						Precipitation		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Departure from normal	Mean max. + mean min. ÷2	Departure from normal	Mean maxi- mum	Mean mini- mum	Highest	Lowest	Total	Departure from normal	Total snowfall
Cape Race, Newfoundland Sydney, Cape Breton Island Halifax, Nova Scotia Yarmouth, Nova Scotia Charlottetown, Prince Edward Island Chatham, New Brunswock Father Point, Quebec Ottawa, Ontario White River, Ontario Qu'Appelle, Saskatchewan Edmonton, Alberta Kamloops, British Columbia Victoria, British Columbia Barkerville, British Columbia Estevan Point, British Columbia Prince Rupert, British Columbia Prince Rupert, British Columbia	88 65 38 28 20 236 1, 244 2, 115 2, 150 1, 262 230 4, 180		In.  29. 82 29. 71 29. 80 29. 80 29. 78 29. 89 29. 94 30. 09 29. 93 30. 03		°F. 31. 7 34. 8 33. 9 34. 7 34. 9 33. 9 42. 4 29. 7 34. 6 30. 7 46. 3	°F0.2 +1.0557 +2.4 -3.3 -2.8 -9.2 -2.6	°F. 36. 7 42. 8 44. 3 46. 4 41. 5 43. 7 39. 9 51. 2 44. 0 44. 8 40. 4 58. 8	°F. 26. 8 26. 8 31. 8 27. 8 26. 1 28. 0 33. 4 27. 28 33. 8 37. 0 33. 7	°F. 51 58 58 55 53 65 51 81 67 71 65 76	°F. 18 11 21 24 17 13 13 19 -6 -3 -6 18	In. 3.85 3.50 4.56 2.68 2.87 3.35 1.54 1.98 3.10 1.10 1.95 .02	In.  -0.35 +.38 -1.14 +.22 +.7204 +.48 +1.85 +.05 +.0737	In. 19.0 1.0 1.0 1.5 1.5 1.6 4.6 3.5 18.1 7.9 17.3 0 .0

#### SEVERE LOCAL STORMS, MAY 1935

[Compiled by Mary O. Souder; authorities, U. S. Weather Bureau officials]

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the Annual]

Report of the Chief of Bureau]

					Report	of the Chief of Bureau	1]
Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Hennepin and Ramsey Counties, Minn., and vicinity.	1-2				\$250,000	Snow, sleet, glaze, and wind.	Considerable damage to wires, poles, and trees; highways obstructed; trains off schedule; greatest damage occurred to the north and east of the Twin Cities; at Minneapolis the snowfall of 3 inches was the heaviest
Joplin, Mo. Eastern Sullivan and western Greene Counties, Ind.	2 2	3 a. m	67	0 0	52,000	Tornadodo	nath 4 miles long
Graysville, Ind	2	4 a. m 5:45 p. m 6:30 - 7:30		0 1 3	60, 000 2, 000 100, 000	dododo	Property damaged; path 30 miles long. 3 houses demolished and several damaged; path narrow. 23 persons injured; path 35 miles long.
Golddust, Tenn., and vicinity- Clarendon, Ark., and vicinity- Harrisburg, Ark., and vicinity- Melbourne, Ark., and vicinity-	1 2	p. m. 7 p. m.			12,000 1,000 3,300 500	WinddodoElectrical and	2 smokestacks blown down; several houses unroofed and others damaged.  Houses and barns unroofed; property damaged.
Union County, Ark., south-	2			1	12,000	wind. Wind	struck a house. Property damaged; path 15 miles long.
Harrisburg, Ill						1	No details. High wind caused a severe dust storm over muck lands resulting in severe damage to onion plantings.
Memphis, Tenn	3	10 a. m.~ 4 p. m.	110		1, 000 55, 000	Winddo	2 persons injured; electric signs blown down; houses unroofed; windows broken.
Richmond (near), Va		11 p. m				Hail and wind	path 2½ miles long.
Michigan	3-4		1			Heavy snowfall	Heaviest May snowian of record; partly moited as it leil, but amounted to 3.2 inches; strong northeast to north winds and temperature about freezing; in some outlying sections of the city snow measured 5 to 6 inches in depth causing much inconvenience to traffic. Several stations recorded falls of as much as 6 inches in the northeastern quarter of lower Michigan extending over a rather narrow belt westward to Ludington and Hart on Lake Michigan.
Shreveport, La				1		Excessive rain	flooded; water several inches deep in some of the residential sections of the city.
Simpson County, Miss Spartanburg, S. C., 5 miles west.	6	8 a. m 7:30 p. m		0	4, 500	Tornado	Southern Railway shops damaged; a church blown from its foundation.
Paeonian Springs (near), Va Jefferson, Okla., vicinity of Hutchinson, Kans., and vicin-	8 8	9:30 a. m 7:30 p. m 8 p. m	400	0	3, 000 28, 000 35, 000	Wind Tornado	Property damaged.  3 persons injured; several houses and barns demolished; power and telephone lines down; loss to crops; path 3 miles long.  Automobile tops riddled; roofs damaged; much glass broken in greenhouses; \$10,000 loss to crops; chiefly wheat; path 20 miles long.  Loss to crops; some hallstones an inch in diameter; path 6 miles long.  Worst devects Fulles certhes at licely rebles path 90 miles long.
ity. Pauline to Wakarusa, Kans Inckson, Atchison, and Inffer.	8	8:30 p. m 8:30-9 p. m.	12		10,000	do	houses; \$10,000 loss to crops, chiefly wheat; path 20 miles long.  Loss to crops; some hallstones an inch in diameter; path 6 miles long.  Worst damage 5 miles northeast of Valley Falls; path 20 miles long.
son Counties, Kans. Beardstown-Virginia, Ill Beason-Broadwell, Ill	8	 			10,000 3,000	Winddo.	1 person injured. No details.
Cantrall-Williamsville, Ill Coatsburg, Ill., and vicinity Ray, Carroll, and Lafayette Counties, Mo.	8 8 8		1 4 1 2-5		5, 000 15, 000 100, 000	Haildo	Property damage \$5,000; loss to crops \$10,000.
Springfield, Ill., and vicinity Barry, Ill					1	WindRain, wind, and	tion with a thunderstorm.
Madison County, FlaBrook	9	1 n. m			500	hail. Heavy hail	Storm lasted from 7 p. m., of the 8th until 2 a. m., of the 9th; 3 separate periods of hail reported; wires and trees down.  Loss to crops; amount estimated for Madison County only; probably \$500 to \$1,000 damage in Brook County, Ga.  Property damaged; houses flooded; much loss to crops; path 3 miles long.
Adams County, Ill.	9	8 p. m	1 235		1	Rain and hail	Property damaged; houses flooded; much loss to crops; path 3 miles long.

<sup>1</sup> Miles instead of yards.

# MONTHLY WEATHER REVIEW

## SEVERE LOCAL STORMS, MAY 1935-Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
San Antonio, Tex	9	P. m			60, 000	HailElectrical	Damage to roofs and windows. House struck by lightning and damaged; 1 person cut by falling glass.
Ohio, and vicinity. San Antonio, Tex	9-10			1	188, 000	Excessive rain, wind, and hail.	Extreme velocity of 57 miles per hour recorded; damage from hail small; store and basement in business district flooded; streets damaged; man drowned in attempting to leave a stalled car.
Scott City, Kans., 11 miles north.  Ferndale, Ark., and vicinity	10 10	6:30 p. m 5 a. m	ł		2,000	Heavy haildo	Savarel hundred dellars damage to gardens, arong and ready of houses
Luling, Tex Russell County, Kans Central City, Nebr	11 11 11	5 a. m 12:15 a. m. 5-5:12 p. m	17	0	20,000 4,000 25,000	Tornado Tornadic winds Hail	Lumberyard; warehouse and oil derricks damaged; path 1 mile long.
Deshler, Nebr	11 11	6:30-6:45 p. m. 6:45 p. m	13	0	10, 000 30, 000	Tornado	No details.  1 person injured; 12 farms affected; 2 dwellings, many barns and outbuild-
Nickerson, Kans., vicinity of White Cloud, Kans., 8 miles	11 11	7:20 p. m 10 p. m	880 100	0	10,000 5,000	do	ings destroyed; stock killed.  Farm buildings damaged: 1 person injured; path 2 miles long.
west. Nemaha and Brown Counties, Kans.	11	11 p. m	880	- <b></b>	6,800	Wind and hail	Storm heaviest a few miles north of Sabetha where drifts of bail 2 feet deep were reported: \$1.000 loss from bail: path 18 miles long.
Preston, Nebr	11-12	10 p. m 2 a. m.	1 3	0	2, 000 33, 500	Tornado and hail. Thunderstorm and	No details.
Minn., vicinity of. Tomah and Sparta, Wis.,	11–12				35, 000	hail. Heavy rain	In Sparta, Beaver Creek rose so high that water was 2 feet deep in Main
vicinity of. Chicago, Ill	12	3:05-5:50				-	Street; property damage \$25,000; loss to crops, \$10,000; considerable damage in the west-central counties due to overflow of small streams and washouts.  Excessive rain caused flooding; traffic hampered in many parts of the city;
Waterloo, near, Ill	12	a. m.				Electrical	some damage from lightning. Barn and contents, including livestock, burned: loss several thousand
Chicago, Ill	13	<b></b>			1, 000, 000	Excessive rain and flood.	dollars.  3.36 inches of rain recorded in less than 36 hours; heaviest May rainfall in 62 years; street-car service on the entire northwest side crippled because flooded viaducts; the Chicago surface lines called out extra crews to man the pumps; thousands of basements flooded and hundreds of automobiles stalled.
Norton County, Kans., nor- thern portion.	13	4 a. m	l I		!	·	Path 9 miles long; no details,
Fort Smith, Ark., 5 miles southeast. Campbell Hill and vicinity,	13 13		Į l				Several buildings demolished and a number of residences damaged.
ווז	13				50, 000 20, 000	Halldo	Loss to crops \$45,000; property damage \$5,000; area covered 25 square miles.  Property damage \$5,000; loss to crops \$15,000; path 3 miles long.
Palestine, Ill., and vicinity Fort Worth, Tex	14 14	12:55 p. m_ 3:30–4:30 p. m.			11, 000 300, 000	Wind Hail	Windows broken; roofs and signs damaged.
Spartanburg near S C	14 15	p. m. 4 p. m 2:30 p. m 5 p. m	1 21/2		500	Heavy hail Hail	All crops beaten into the ground, some were revived. Damage to roofs and windows \$200; crop loss \$300.
Greenville County, S. C	15	5 p. m			1,000	Severe hail	Damage to automobile tops and windows; in some places crops had to be
Charleston, near, S. C.	16	P. m					Roofs and window panes damaged; \$1,000 loss to crops; largest stones about hen-egg size.
Platte and Goshen counties, Wyo., northern portions.  Burrton, Kans., and vicinity.	16 17	9:15 p. m			1,500	Rain and hail	Storm covered area of 50 square miles with Sunrise as the center; very heavy hail carried by the flood clogged the waterways and the receding water left deposits of hail from 3 to 5 feet deep which solidified and later freshets carried down streams in great blocks that destroyed all movable property in its path; a branch railroad, an improved highway as well as considerable ranch property in Hartville Canyon greatly damaged.  Damage to gardens and shrubbery; path 6 miles long; hailstones 3 inches
Rainbow, Tex	18	3 a. m		o	4,000	Tornado	deep in places. Buildings and crops damaged; several persons injured.
Fort Worth, Tex Hearne, Tex Marlin, Tex	18 18	4 a. m 6:30 a. m	200	<u>o</u>	1,000 100,000	Tornado	1 person injured; roofs chimneys and frail buildings damaged. 8 persons injured; some buildings damaged; others destroyed.
Oakwood, Tex Teague, Tex	18 18 18	7 a. m 8 a. m do	880 880	0 0 1	3, 000 200 100, 000	do do Wind	Damage to farm structures and utility lines; loss to crops.  1 person injured; house damaged and outbuildings destroyed.  About 100 houses blown down or wrecked; buildings demolished; 1 person
Weldon, Tex	18	9:30 a. m	75	2		Tornado	critically injured.  3 persons injured; \$25,000 loss to crops; 5 houses completely destroyed; household goods demolished.
Weches, TexLittle Rock, Ark	18 18	12:30 p. m. 4:30 p. m.	50	2	25, 000 30, 700	Tornado and thunderstorm.	43 persons injured; damage to buildings and household effects. Several persons injured; hundreds of valuable shade trees uprooted; damage to residences, greenhouses, and telephone and power lines; path 2½.
Altus, Okla	18 18 18		200 50	<u>2</u> 0	2, 000	Rain and flood Wind Tornado	miles long. 7 inches of rain fell; communication lines down; gas system flooded. Damage to houses. Some houses and barns unroofed; other destroyed.
San Antonio, Tex., eastern portion. Tenaha, Tex. Uvalde, Tex.	18 18	2:15 a. m	880	0	25, 000	Tail and mind	
Uvalde, Tex	19 19	2:15 a. m 3 p. m	2, 560 20	o	20, 000 5, 000	Hail Tornado, rain, and flood.	velocity of 47 miles per hour recorded.  14 persons injured; 28 houses blown down.  \$20,000 damage to buildings; loss to crops not estimated.  3 bridges washed out on roads near Republic and nearly 2 miles of Missouri Pacific track inundated; farmhouse and other buildings damaged; path 22 miles long.
Scandia, Kans., vicinity ofDodge City, Kans., few miles northwest.	19 19	do 4 p. m		0	500	Tornadodo	22 miles long. Farm buildings damaged; path short. Cloud dipped to earth only once; no damage reported.
Byron, Nebr	19 19 19	4:30 p. m. 11:40 p. m.	833 100 100	0 1 0	7, 000 50, 000 2, 000	Tornado and hail Tornadodo Electrical	All buildings on 2 farms destroyed; this storm extended into Kansas. Path 8 miles long. Path short.
Simpson County, Miss	20 20	4 a. m 2:45 p. m	880	0	50, 000	Tornado and hail	Dwelling destroyed by lightning. Several persons injured; school almost wrecked; church and hall blown down; 25 houses damaged; trees uprooted; poles and wires down; path 2 miles long; damage from hall \$10,000.
Elloree, S. CFairfax, Okla	20 20	4 p. m P. m				Wind and hail Tornado and rain.	2 miles long; damage from hail \$10,000. Loss to young crops and grain. Homes destroyed; oil derricks blown down; communication lines wrecked; house blown 150 feet and 2 occupants injured. Damage to tenant houses; path several miles long.
Houma, La., 3 miles northwest.	20			0	3, 000	Thunderstorm	house blown 150 feet and 2 occupants injured.  Damage to tenant houses; path several miles long.
Apperson, Okla., and vicinity	20					and tornado. Wind and electri-	On I ranch 155 cattle were killed; 55,000-barrel storage tank of the Gypsy
Charleston, near, S. C. Chouteau County, Mont	21 23			0	100	cal. Tornado Electrical	Oil Co. struck by lightning and burned. 3 small houses damaged. Farmer killed by lightning.

# MONTHLY WEATHER REVIEW

#### SEVERE LOCAL STORMS, MAY 1935-Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Crockett and Rural Retreat, Va., and vicinity.	24				5,000	Heavy hail	
Ravalli County, Mont Pampa, Tex	25 26	4 p. m	1 6		5, 500	Electrical	
Groom, Tex	26 26	11 p. m		<sub>ō</sub> -	15,000	Tornado	Buildings damaged: 6 persons injured
Pawnee Creek, Colo	26			, š		Flood	A large volume of water surged down Pawnee Creek drowning 3 persons.
Roxana, Tex	26				25, 000	Wind	11 persons injured; oil-field houses blown down; 22 derricks damaged.
Perry, Kans., 8 miles north- west.	27	8 p. m	880	0	34,000	Tornado	Small farm buildings destroyed; path 11 miles long.
Fulton County, Kans	27	8-9 p. m	1 1		5,000	Wind	Path 1 mile long; no details.
Hobart, near, Okla	27	P. m	440	0	5,000	Tornado	3 persons injured; several homes demolished; slight crop loss; path 6 miles long.
Abbott, N. Mex	28	1 p. m		<b></b>		Heavy hail	Hail 4 to 6 inches deep; damaged grass and gardens.
Bueyeros, N. Mex	28	2 p. m				do	Considerable damage to roofs; loss to fruit crop.
Kouts, Ind., vicinity of	28 28	3:45 p. m 3:50 p. m		0	2, 725	Tornadodo	No injury reported; buildings unroofed and trees uprooted.  Property damaged; path 3½ miles long.
Amistad, N. Mex	28	4 p. m			2, 120	Heavy hail	Grass cut: roofs damaged and windows broken.
Kingfisher, Okla., 3 miles northwest.	28	5 p. m			12,000	Hail	\$7,000 crop damage; \$5,000 to property; path 14 miles long.
Western Steuben County, Ind., through State line into Michigan.	28	5:30 p. m	12			Wind	Many barns and garages destroyed; much lake property at Crooked Lake and Lake James damaged by falling trees.
Humboldt-Dawson, Nebr	29	5–6 p. m	12		12,000	Hail and excessive	Hail damaged roofs, glass, and automobiles; basements and yards flooded; crop loss from hail and washing.
Maysville, Okla	29	7 p. m	15		400,000	rain. Hail	Hailstones as much as 3 inches in diameter; automobile tops punctured; many fields of grain and other crops beaten down, some fields being a total loss; length of path, 12 to 15 miles.
Cold Springs, Okla., 3 miles southeast.	29	8:30 p. m	11		20,000	Heavy hail	Damage principally to crops; path 5 miles long.
Colorado Springs, Colo., and	30			4	1, 800, 000	Excessive rain and	Property damaged.
vicinity. Pueblo, Colo., vicinity of	30				165, 150	flood. do	Flood waters along the Fountain River caused much damage.
McCook-Curtis, Nebr	31	3:30-4:30 p. m.	1 3–5	5	150,000	Tornado	22 persons injured; 44 homes wrecked, others damaged.
Olathe, Kans., few miles east	31	p. m.		0		do	No details.
Phillipsburg, Kans., 10 miles northeast.	31	4 p. m	100	0	10,000	do	Farmhouse badly damaged and several small farm buildings demolished; path 5 miles long.
Farnam, Nebr	31	do	833	0	20,000	do	10 persons injured; other details not given.
Overton, Nebr	31	5 p. m	67	0	20,000	do	No details.
Miller, Nebr	31	7 p. m	400	, 2	30, 000	do	3 persons injured.
Avon, S. Dak., southward to Missouri River.	31	8–12 p. m				Rain and wind	A fill on railroad was made unsafe for trains by heavy rain; corn washed out and fields had to be replanted.
Laramie, Platte, and Goshen Counties, Wyo.	31			8	1, 250, 000	Flood	Much property damage.

<sup>&</sup>lt;sup>1</sup> Miles instead of yards.